

14094, A NOVEL HUMAN TRYPSIN FAMILY MEMBER  
AND USES THEREOF

Abstract

5           The invention provides isolated nucleic acids molecules, designated 14094  
nucleic acid molecules, which encode a novel trypsin family member. Elevated expression  
of 14094 mRNA was detected in breast, ovarian, lung, and liver cancers compared to normal  
cells derived from these tissues. The invention also provides antisense nucleic acid  
molecules, recombinant expression vectors containing 14094 nucleic acid molecules, host  
10 cells into which the expression vectors have been introduced, and nonhuman transgenic  
animals in which a 14094 gene has been introduced or disrupted. The invention still further  
provides isolated 14094 proteins, fusion proteins, antigenic peptides and anti-14094  
antibodies. Therapeutic and diagnostic methods utilizing compositions of the invention to,  
for example, treat, prevent, and/or diagnose neoplastic conditions, are also provided.

15